



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Timothy J. O'Brien et al. Group Art Unit: 1642  
Serial No.: 09/965,738 Examiner: Peter J. Reddig  
Filed: September 27, 2001 Docket No.: 110.018US1  
Title: REPEAT SEQUENCES OF THE CA125 GENE AND THEIR USE FOR  
DIAGNOSTIC AND THERAPEUTIC INTERVENTIONS

**TRANSMITTAL LETTER FOR  
AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I am transmitting the following documents along with this transmittal sheet:

Amendment and Response under 37 C.F.R. § 1.111 to the Office Action in the  
above-referenced application mailed October 31, 2006.

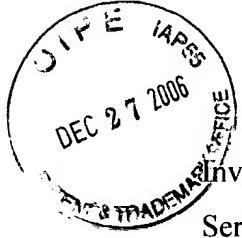
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United State Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop RCE, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of December 2006.

Hugh McTavish  
Hugh McTavish



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Sir:

In response to the Office Action mailed on October 31, 2006, please amend the above-identified patent application as follows.

An amended claim set begins on page 2 of this response.

Remarks begin on page 5 of this response.